

## DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that: 7

**My residence, post office address and citizenship are as stated below next to my name;**

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## IMPROVED-FLEXIBILITY DIGITAL SOUND RELAXATION SYSTEM

**the specification of which (check one):**

[ ] is attached hereto.

[ X] was filed on August 30, 1996 as Serial No. 08/706,134; and was amended \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

**I hereby claim foreign priority benefits under Title 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:**

**Prior Foreign Application(s)**

<u>Number</u>	<u>Country</u>	<u>Date Filed</u> <u>(day/month/year)</u>	<u>Priority Claimed</u> <u>Yes/No</u>
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I hereby claim the benefit under Title 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

**Application Serial No.**  
**Patented/Pending/Abandoned**

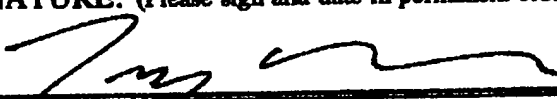
**Filing Date**

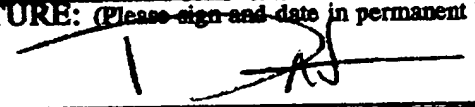
**POWER OF ATTORNEY:** As the named inventor, I hereby appoint Albert Peter Durigon, Registration Number 30,049, to prosecute this application, to receive the patent, to transact all business connected therewith in the Patent and Trademark office, to file with the USRO any International Applications which are based thereon under the provisions of the provisions of the Patent Cooperation Treaty.

Address all correspondence to:

Albert Peter Durigon  
Law offices  
Albert Peter Durigon  
20 Eustis Street  
Cambridge, Massachusetts 02140

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of the Title 18 of the United States Code and that such false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First Inventor Troy Gene Anderson		
City of Residence Marblehead	State or Province Massachusetts	Country of Citizenship Canada
Post Office Address 26 Phillips Street	City Marblehead	State or Country Zip Massachusetts 01945
SIGNATURE: (Please sign and date in permanent blue ink) X 		11/5/96

Full Name of Second Inventor Rudy Anthony Vandenberg		
City of Residence Ottawa	State or Province Ontario	Country of Citizenship Canada
Post Office Address 308 Billings Avenue	City Ottawa	State or Country Zip Canada K1H 5L3
SIGNATURE: (Please sign and date in permanent blue ink) X 		Date Signed: X 11/7/96

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation  $f(x) = \int_0^x f(t) dt$ . It is shown that  $f(x)$  is a continuous function and that it satisfies the functional equation  $f(x+y) = f(x) + f(y)$ . The function  $f(x)$  is also shown to be differentiable and its derivative is found to be  $f'(x) = f(x)$ . This implies that  $f(x) = Ce^x$  for some constant  $C$ . The value of  $C$  is determined by the initial condition  $f(0) = 1$ , which gives  $C = 1$ . Therefore, the function  $f(x)$  is  $f(x) = e^x$ .

Serial No.

Filed

**Examiner**

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(d) and 1.27(c))--SMALL BUSINESS

I hereby declare that the organization identified above qualifies as a Small Business organization as defined in 37 CFR 1.9(d) for purposes of paying reduced fees under section 41 of Title 35, United States Code with regard to the invention entitled:

# IMPROVED-FLEXIBILITY DIGITAL SOUND RELAXATION SYSTEM

whose specification is filed herewith.

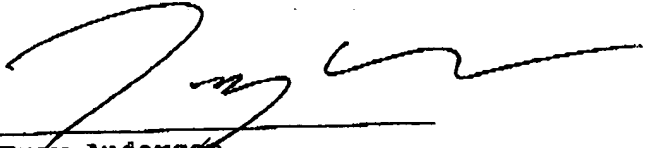
I hereby declare that exclusive rights under contract or law have been conveyed to and remain with the organization identified above in regard to the above-identified invention.

I acknowledge the duty to file in this application or patent notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate, 37 CFR 1.28 (b).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

HEADWATERS RESEARCH & DEVELOPMENT, INC

By:

  
Troy Anderson  
Vice President

Date:

2/1/99

667022-9424220